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OCCUPATIONAL EMPLOYMENT

STATISTICS OF MONTANA

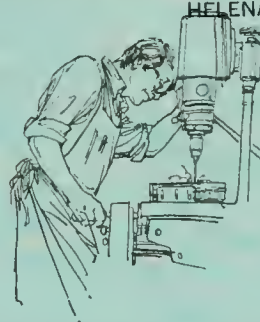
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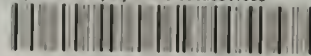
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OCCUPATIONAL EMPLOYMENT STATISTICS

1983 Statewide Survey of
Manufacturing & Hospitals

State of Montana
Ted Schwinden, Governor

Department of Labor and Industry
David Wanzenried, Commissioner

Montana Department of
Labor & Industry
Research & Analysis Bureau
Labor Market Information Section
P.O. Box 1728
Helena, Montana 59624

March 1985

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We would like to express our appreciation to all the employers who took the time to complete the survey questionnaires. Their cooperation and support is the key to a successful Occupational Employment Statistics program.

Acknowledgement is also to be given to the Bureau of Labor Statistics offices in Washington D.C. and Kansas City, Missouri for their financial and technical support.

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INTRODUCTION

The Occupational Employment Statistics Program (OES) was developed by the United States Bureau of Labor Statistics to meet a demand for current occupational information. The program is designed to: (1) provide staffing profiles by industry, (2) identify emerging and disappearing occupations, (3) assist in the development of educational and training programs, and (4) provide current occupational information for employment and educational counselors.

The OES survey covers all nonagricultural industries, excluding private households. The survey is conducted over a three year cycle. Its purpose is to obtain employment by occupation by industry. Manufacturing and hospital industries are surveyed in the first year; one-half of the nonmanufacturing industries in the second year; and the remainder of the nonmanufacturing industries in the third year. Data are collected from employing establishments primarily by mail; telephone followups and personal visits are used when an establishment's response is critical to the survey. The survey is based on a random sample, stratified by industry and size; it is designed to represent the universe of establishments covered by the survey. The data obtained from the survey are then used to estimate employment by occupation and industry.

A major component of the OES system is the development of an industry/occupation matrix system, a model representing the occupational staffing patterns of each industry. Basically, it reflects the typical staffing pattern of each industry in terms of the ratio of occupational employment in each industry to total employment in each industry. The data are arrayed in the form of a grid, industries by occupations. The value of the matrix in this form is that it shows where people work and what they do.

The information contained in this publication portrays the results of the OES survey of the manufacturing and hospital industries.

METHODOLOGY

The Sample. The sample for this survey was selected from the ES-202 report, which is a listing of all employing units within the state covered under the unemployment insurance law. The units within the universe were stratified by industry, 3 digit Standard Industrial Classification (SIC) and within industry by size. Each sample cell was assigned a sample ratio based upon the employment within the cell. The present survey consisted of a sample of approximately 643 establishments with more than 31,469 in employment.

The Survey Questionnaire. The questionnaires used for the OES survey were tailored to each specific industry's occupational structure. For example, the questionnaire for a trucking firm did not list "blueprint machine operator" as an occupation. Respondents were asked to report each worker in the appropriate occupational category listed on the form and to count an employee only once. Each questionnaire was limited to a maximum of 200 occupations; residual categories, such as "all other professional workers" were included so that total employment could be listed. Employers were asked to identify occupations and duties listed in the residual categories so that these occupations could be identified.

Estimating Procedure. The estimating method used in this survey was a ratio estimate. Each unit within a size class within a three digit SIC was assigned a weight. The weight assigned was the inverse of the sampling ratio, the probability of sample selection. Estimates were calculated by 1) taking the total employment and the employment for each occupation reported and multiplying them by the sample weight for each establishment in the estimating cell; 2) deriving the ratio of the summed weighted occupational employment to the summed weighted reported employment for each cell; and, 3) the ratio derived in the previous step was multiplied by the benchmark employment for that estimating cell as of the reference date of the survey (April, May or June of 1983) yielding the occupational structure of each estimating cell. April was chosen as the reference month for industries (sic) 26, 33 and 806. May for industries 24, 27, 29 and 32, and June for industries 20 and 34.

Limitations of Data. The estimates in this report were based on a sample. It is unlikely that the numbers would be exactly the same had it been possible to take a complete census of all establishments in each industry. The probable error resulting from sampling is indicated by the estimates relative error for each occupation. Nonsampling errors may also taint the accuracy of the estimates. These errors arise from faulty response to survey questionnaires, physical errors in processing surveys, computational errors, etc. Great care was taken to minimize these errors as much as possible. Employment counts were not complete. All employment data in the report relate to the nonagricultural wage and salaried class of worker exclusively. Those excluded from the counts were agricultural workers, self-employed and unpaid family workers. Finally, the "work-force" concept of employment was used in the study; that is, the counts reflect the number of jobs and not the persons holding the jobs.

METHODOLOGY(Continued)

Publishing Criteria. A. The criteria used in publishing the employment estimates for a particular industry were 1) that a response rate of at least 50% of the employment within that industry was obtained, and 2) that the total estimated employment within that industry be at least 500. If these two conditions were not met, employment estimates for that particular industry were not made. Nor would employment estimates for a particular industry be published if the industry is dominated by one or two employers who do not wish to have the results of their survey published.

B. The criteria used in publishing a specific occupation were 1) that the estimated employment be at least 10, and 2) that the estimate for that particular occupation have a relative error of less than 50%. If these two conditions were not met, then the estimated employment for the occupation was rolled into the appropriate "All Other" category.

TABLES

Table Format. The following tables are a listing of the individual industry/occupation staffing patterns resulting from the OES estimating system. The data have been edited following Bureau of Labor Statistics criteria. The tables are set up with the industry number and name followed by the SIC definition.

Table Definitions.

SIC	The Standard Industrial Classification is a taxonomy developed by the federal government to define industries in accordance with the composition and structure of the economy.
BENCHMARK	The benchmark is the specific employment figure which existed for the industry at the reference point.
OCCUPATION	The occupations in the OES survey are broken down into seven categories: managerial/administrative, professional/technical, sales, clerical/administrative support, service, agricultural/related, and production/maintenance workers. Subtotals of each category are provided.
ESTIMATED EMPLOYMENT	The estimated employment is produced by the OES estimating system.
RELATIVE ERROR	The relative error is a measure of precision and expresses the absolute sampling error of an estimate as a percentage of that estimate. From an accuracy standpoint, the higher the relative error the less accurate the estimate. If the relative errors exceeded fifty percent, the employment from these occupations were added to the appropriate residual category.
% TOTAL EMPLOYMENT	The percent of total employment reflects the rate of occurrence of an occupation or category of occupations in an industry.
--	Indicates that the data for this item is either not available or not applicable.

TABLES 1 THRU 9

PERCENT DISTRIBUTION OF MAJOR OCCUPATIONAL GROUPS

FOOD AND KINDRED PRODUCTS

SIC 20

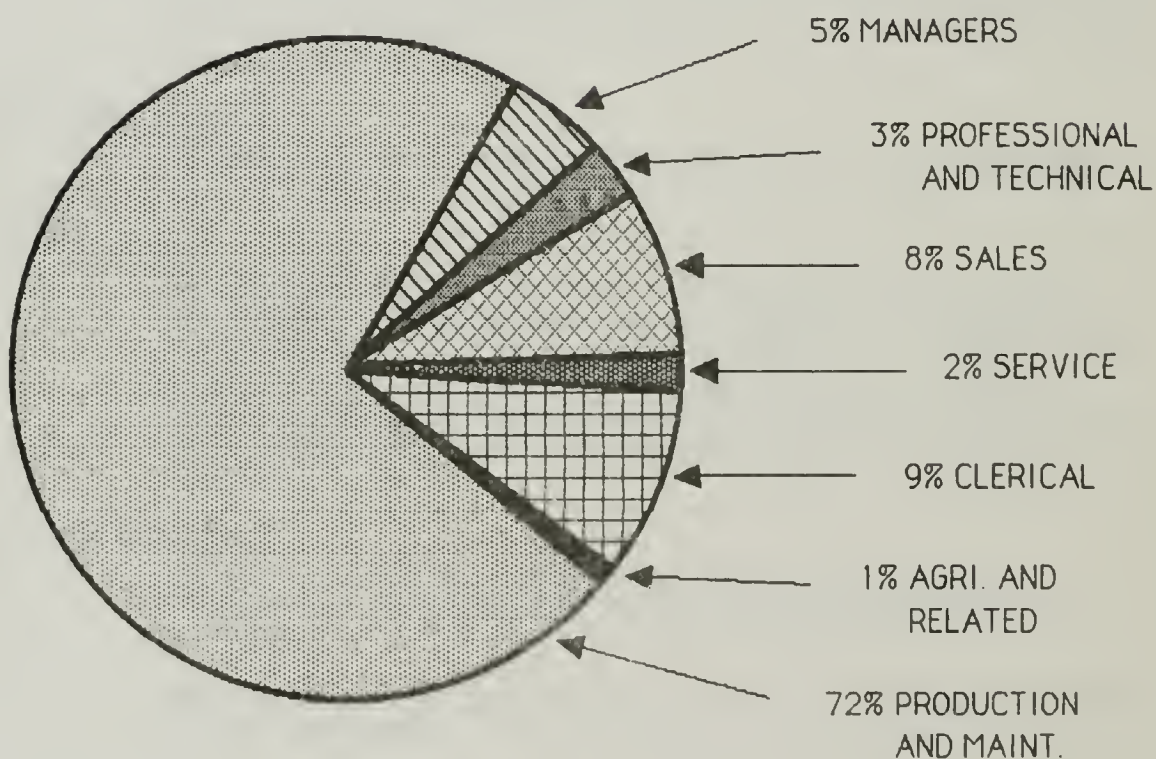


TABLE 1

INDUSTRY 20

FOOD AND KINDRED PRODUCTS

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS MANUFACTURING OR PROCESSING FOODS AND BEVERAGES FOR HUMAN CONSUMPTION, AND CERTAIN RELATED PRODUCTS, SUCH AS MANUFACTURED ICE, CHEWING GUM, VEGETABLE AND ANIMAL FATS AND OILS, AND PREPARED FEEDS FOR ANIMALS AND FOWLS.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
GENERAL MANAGERS AND TOP EXEC.	160	4.5	17
ALL OTHER MANAGERS AND ADMIN.	30	.8	--
TOTAL MANAGERS AND ADMIN.	190	5.3	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	29	.8	16
ALL OTHER PROFESSIONAL AND TECH.	78	2.2	--
TOTAL PROFESSIONAL AND TECH.	107	3.0	--
3. SALES AND RELATED:			
NONTECH SALES, EXCEPT RETAIL	110	3.1	17
ALL OTHER SALES WORKERS	175	4.9	--
TOTAL SALES AND RELATED	285	8.0	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SECRETARIES	41	1.1	34
BOOKKEEPING AND ACCOUNTING CLERKS	114	3.2	18
GENERAL OFFICE CLERKS	83	2.3	22
SHIPPING AND RECEIVING CLERKS	56	1.6	33
ALL OTHER CLERICAL WORKERS	36	1.0	--
TOTAL CLERICAL AND ADMIN. SUPPORT	330	9.2	--
5. SERVICE:			
JANITORS AND CLEANERS	71	2.0	24
ALL OTHER SERVICE WORKERS	6	.2	--
TOTAL SERVICE	77	2.2	--
6. AGRICULTURAL AND RELATED:			
ALL OTHER AGRICULTURAL WORKERS	22	.6	--
TOTAL AGRICULTURAL AND RELATED	22	.6	--

TABLE 1 (CONTINUED)

INDUSTRY 20

FOOD AND KINDRED PRODUCTS

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, PRODUCTION AND RELATED	105	2.9	13
ALL OTHER SUPERVISORS AND INSPECTORS	45	1.2	--
MACHINERY MAINTENANCE MECHANICS	44	1.2	20
MAINTENANCE REPAIRERS, GEN. UTIL.	88	2.5	13
COIN AND VENDING MACHINE SERVICERS	35	1.0	7
ALL OTHER MECHANICS AND INSTALLERS	38	1.1	--
ALL OTHER CONSTRUCT TRADES WORKERS	36	1.0	--
ALL OTHER PRECISION METAL WORKERS	8	.2	--
SLAUGHTERERS AND BUTCHERS	295	8.2	7
ALL OTHER PRECISION FOOD WORKERS	78	2.2	--
ROASTING AND RELATED MACHINE OPER	21	.6	13
CUTTING AND SLICING MACHINE OPER	28	.8	38
CRUSHING AND OTHER MACHINE OPER	168	4.7	20
EXTRUDING AND OTHER MACHINE OPER	51	1.4	44
PACKING AND FILLING MACHINE OPER	247	6.9	20
ALL OTHER MACHINE SETTERS	31	.8	--
ALL OTHER MACHINE OPERATORS	103	2.9	--
ALL OTHER HAND WORKERS	106	3.0	--
ALL OTHER PLANT AND SYSTEM OPER	14	.4	--
HEAVY TRUCK DRIVERS	172	4.8	24
LIGHT TRUCK DRIVERS, INCL DELIVERY	155	4.3	34
DRIVER-SALES WORKERS	401	11.2	13
INDUSTRIAL TRUCK AND TRACTOR OPER	67	1.9	26
ALL OTHER MATERIAL MOVING OPER	13	.4	--
HAND MATERIAL MOVERS	40	1.1	34
HAND PACKERS AND PACKAGERS	102	2.9	9
ALL OTHER HAND LABORERS	76	2.1	--
TOTAL PROD, CONST, MAINT & HANDL	2,567	71.7	--
GRAND TOTAL OF INDUSTRY 20	3,578	100.0%	

PERCENT DISTRIBUTION OF MAJOR OCCUPATIONAL GROUPS

LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE

SIC 24

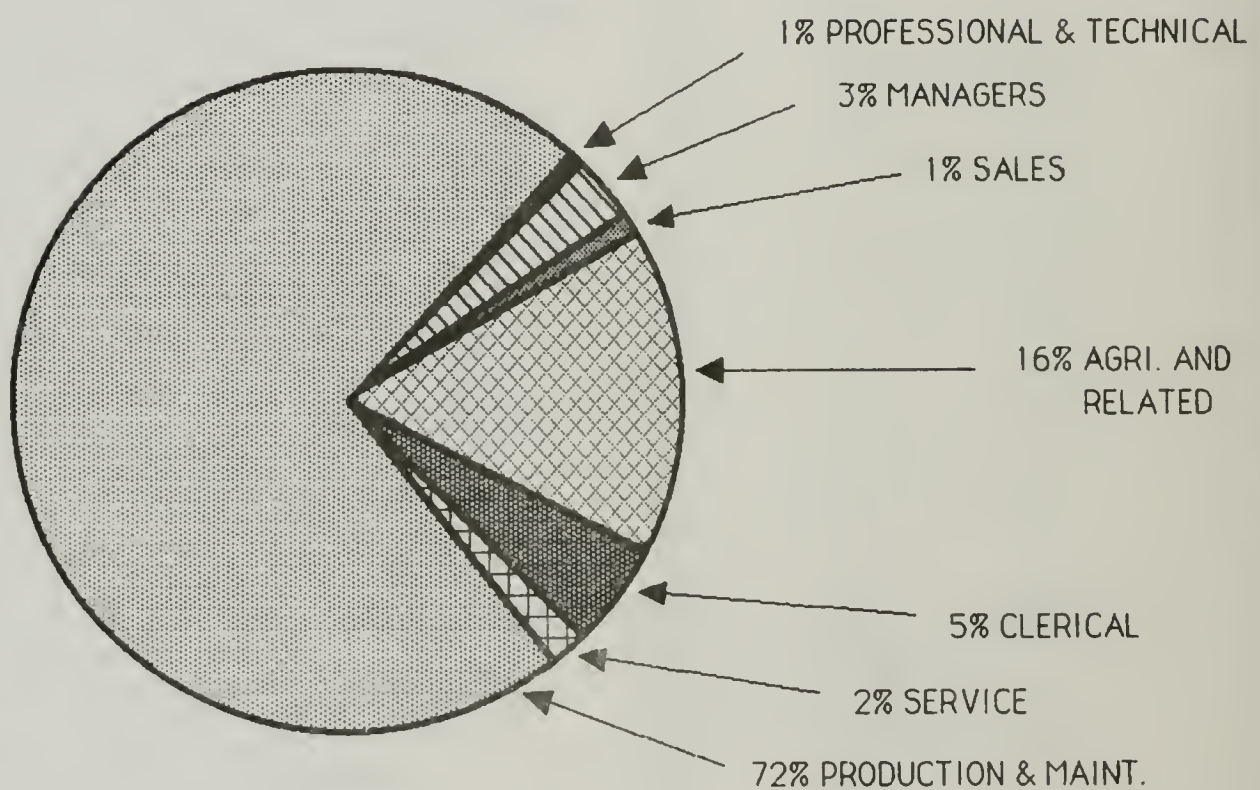


TABLE 2

INDUSTRY 24

LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE

THIS MAJOR GROUP INCLUDES LOGGING CAMPS ENGAGED IN CUTTING TIMBER AND PULPWOOD; MERCHANT SAWMILLS, LATH MILLS, SHINGLE MILLS, COOPERAGE STOCK MILLS, PLANING MILLS, AND PLYWOOD MILLS AND VENEER MILLS ENGAGED IN PRODUCING LUMBER AND WOOD BASIC MATERIALS; AND ESTABLISHMENTS ENGAGED IN MANUFACTURING FINISHED ARTICLES MADE ENTIRELY OR MAINLY OF WOOD OR WOOD SUBSTITUTES.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
INDUSTRIAL PRODUCTION MANAGERS	21	.3	7
GENERAL MANAGERS AND TOP EXEC.	173	2.1	12
ALL OTHER MANAGERS AND ADMIN.	24	.3	--
TOTAL MANAGERS AND ADMIN.	218	2.7	--
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	29	.4	19
ALL OTHER MANAGEMENT SUPPORT WORKERS	19	.2	--
ALL OTHER ENGINEERS	7	.1	--
ALL OTHER PROFESSIONAL AND TECH.	55	.6	--
TOTAL PROFESSIONAL AND TECH.	110	1.3	--
3. SALES AND RELATED:			
SCIENTIFIC SALES REPS., EXCEPT RETAIL	11	.1	35
NON-TECH SALES REPS., EXCEPT RETAIL	31	.4	25
ALL OTHER SALES WORKERS	38	.5	--
TOTAL SALES AND RELATED	80	1.0	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN. SUPPORT	11	.1	13
SECRETARIES	84	1.0	13
BOOKKEEPING AND ACCOUNTING CLERKS	75	.9	17
GENERAL OFFICE CLERKS	78	.9	21
SHIPPING AND RECEIVING CLERKS	71	.9	19
ALL OTHER CLERICAL WORKERS	54	.7	--
TOTAL CLERICAL AND ADMIN. SUPPORT	373	4.5	--

TABLE 2 (CONTINUED)

INDUSTRY 24

LUMBER AND WOOD PRODUCTS

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
GUARDS AND WATCH GUARDS	69	.8	14
JANITORS AND CLEANERS	54	.7	22
ALL OTHER SERVICE WORKERS	3	--	--
TOTAL SERVICE	126	1.5	--
6. AGRICULTURAL AND RELATED:			
SUPERVR, AGRICULTURAL AND RELATED	69	.8	20
FALLERS AND BUCKERS	406	4.9	11
CHOKE SETTERS	146	1.8	29
LOG HANDLING EQUIPMENT OPERATORS	230	2.8	13
LOGGING TRACTOR OPERATORS	390	4.7	7
LOG GRADERS AND SCALERS	57	.7	14
ALL OTHER AGRICULTURAL WORKERS	7	.1	--
TOTAL AGRICULTURAL AND RELATED	1,305	15.8	--

TABLE 2 (CONTINUED)

INDUSTRY 24

LUMBER AND WOOD PRODUCTS

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS AND INSTALLERS	16	.2	12
SUPERVR, PRODUCTION AND RELATED	295	3.5	15
SUPERVR, HAND LABORERS	15	.2	19
PRODUCTION INSPECTORS, ETC.	179	2.2	11
MACHINERY MAINTENANCE MECHANICS	61	.7	27
MILLWRIGHTS	146	1.8	13
MACHINERY MAINTENANCE WORKERS	101	1.2	21
MAINTENANCE REPAIRERS, GEN. UTILITY	227	2.7	16
MOBILE HEAVY EQUIPMENT MECHANICS	59	.7	9
ALL OTHER MECHANICS AND INSTALLERS	55	.7	--
CARPENTERS	271	3.3	16
ELECTRICIANS	47	.6	14
TOOL AND OTHER PRECISION GRINDERS	96	1.2	13
WOOD MACHINISTS	46	.6	37
CABINETMAKERS AND BENCH CARPENTERS	70	.8	45
ALL OTHER PRECISION WORKERS	34	.4	--
SAWING MACHINE SETTERS AND SET-UP OPER	36	.4	34
HEAD SAWYERS	68	.8	12
SAWING MACHINE OPERATORS AND TENDERS	639	7.7	7
WOODWORKING MACHINE SETTERS AND SET-UP	94	1.1	10
WOODWORKING MACHINE OPERATORS	152	1.8	27
FURNACE AND RELATED OPERATORS	87	1.1	11
LOW PRESSURE BOILER OPERATORS	55	.7	17
ALL OTHER MACHINE OPERATORS	279	3.4	--
ALL OTHER HAND WORKERS	87	1.1	--
HEAVY TRUCK DRIVERS	122	1.5	17
INDUSTRIAL TRUCK AND TRACTOR OPER	362	4.4	7
CONVEYOR OPERATORS AND TENDERS	132	1.6	7
ALL OTHER MATERIAL MOVING OPER	131	1.6	--
MACHINE FEEDERS AND OFFBEARERS	1,085	13.1	7
HAND MATERIAL MOVERS	238	2.9	24
HAND PACKERS AND PACKAGERS	166	2.0	43
ALL OTHER HAND LABORERS	595	7.2	43
TOTAL PROD, CONST, MAINT & HANDL	6,046	73.2	--
	-----	-----	
GRAND TOTAL OF INDUSTRY 24	8,258	100.0%	

PERCENT DISTRIBUTION OF MAJOR OCCUPATIONAL GROUPS

PAPER AND ALLIED PRODUCTS

SIC 26

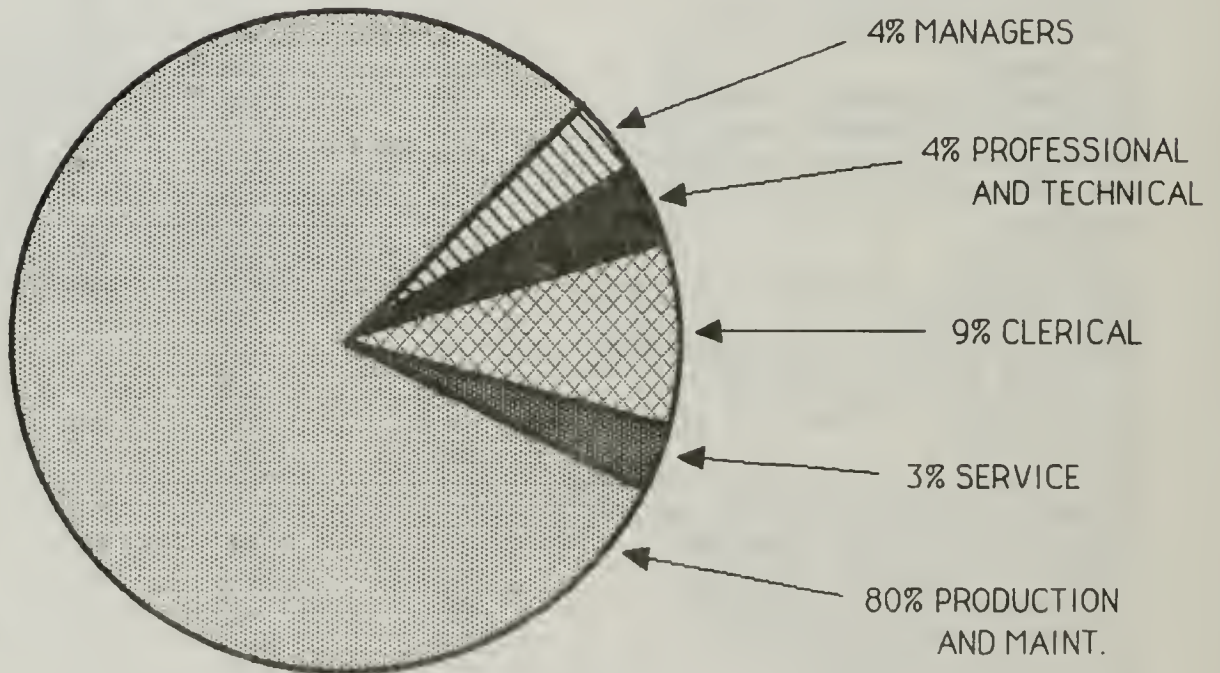


TABLE 3

INDUSTRY 26

PAPER AND ALLIED PRODUCTS

THIS MAJOR GROUP INCLUDES THE MANUFACTURE OF PULPS FROM WOOD AND OTHER CELLULOSE FIBERS, AND FROM RAGS; THE MANUFACTURE OF PAPER AND PAPERBOARD; AND THE MANUFACTURE OF PAPER AND PAPERBOARD INTO CONVERTED PRODUCTS SUCH AS PAPER COATED OFF THE PAPER MACHINE, PAPER BAGS, PAPER BOXES, AND ENVELOPES.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
INDUSTRIAL PRODUCTION MANAGERS	13	1.8	--
ALL OTHER MANAGERS AND ADMIN.	13	1.8	--
TOTAL MANAGERS AND ADMIN.	26	3.6	--
2. PROFESSIONAL AND TECHNICAL:			
ALL OTHER MGMT. SUPPORT WORKERS	4	.6	--
ALL OTHER ENGINEERS	16	2.2	--
ALL OTHER PROFESSIONAL AND TECH.	9	1.2	--
TOTAL PROFESSIONAL AND TECH.	29	4.0	--
3. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SECRETARIES	10	1.4	--
SHIPPING AND RECEIVING CLERKS	20	2.8	--
ALL OTHER CLERICAL WORKERS	32	4.4	--
TOTAL CLERICAL AND ADMIN. SUPPORT	62	8.6	--
4. SERVICE:			
GUARDS AND WATCH GUARDS	13	1.8	--
ALL OTHER SERVICE WORKERS	6	.8	--
TOTAL SERVICE	19	2.6	--

TABLE 3 (CONTINUED)

INDUSTRY 26

PAPER AND ALLIED PRODUCTS

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS AND INSTALLERS	19	2.6	--
SUPERVR, PRODUCTION AND RELATED	28	3.9	--
PRODUCTION INSPECTORS, ETC.	17	2.3	--
MILLWRIGHTS	66	9.1	--
MACHINERY MAINTENANCE WORKERS	10	1.4	--
PRECISION INSTRUMENT REPAIRERS	18	2.5	--
ELECTRICIANS	29	4.0	--
PLUMBERS, PIPEFITTERS, ETC.	30	4.1	--
ALL OTHER CONSTRUCT TRADES WORKERS	16	2.2	--
ALL OTHER PRECISION WORKERS	17	2.3	--
CHEMICAL EQUIPMENT OPERATORS	20	2.8	--
PAINTING AND RELATED MACHINE OPER	12	1.7	--
CLEANING AND RELATED MACHINE OPER	13	1.8	--
ALL OTHER MACHINE OPERATORS	65	9.0	--
STATIONARY ENGINEERS	32	4.4	--
ALL OTHER PLANT AND SYSTEM OPER	12	1.7	--
HEAVY TRUCK DRIVERS	13	1.8	--
INDUSTRIAL TRUCK AND TRACTOR OPER	19	2.6	--
ALL OTHER MATERIAL MOVING OPER	8	1.1	--
MACHINE FEEDERS AND OFFBEARERS	24	3.3	--
ALL OTHER HAND LABORERS	121	16.6	--
TOTAL PROD, CONST, MAINT & HANDL	589	81.2	--
	---	----	
GRAND TOTAL OF INDUSTRY 26	725	100.0%	

PERCENT DISTRIBUTION OF MAJOR OCCUPATIONAL GROUPS

PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

SIC 27

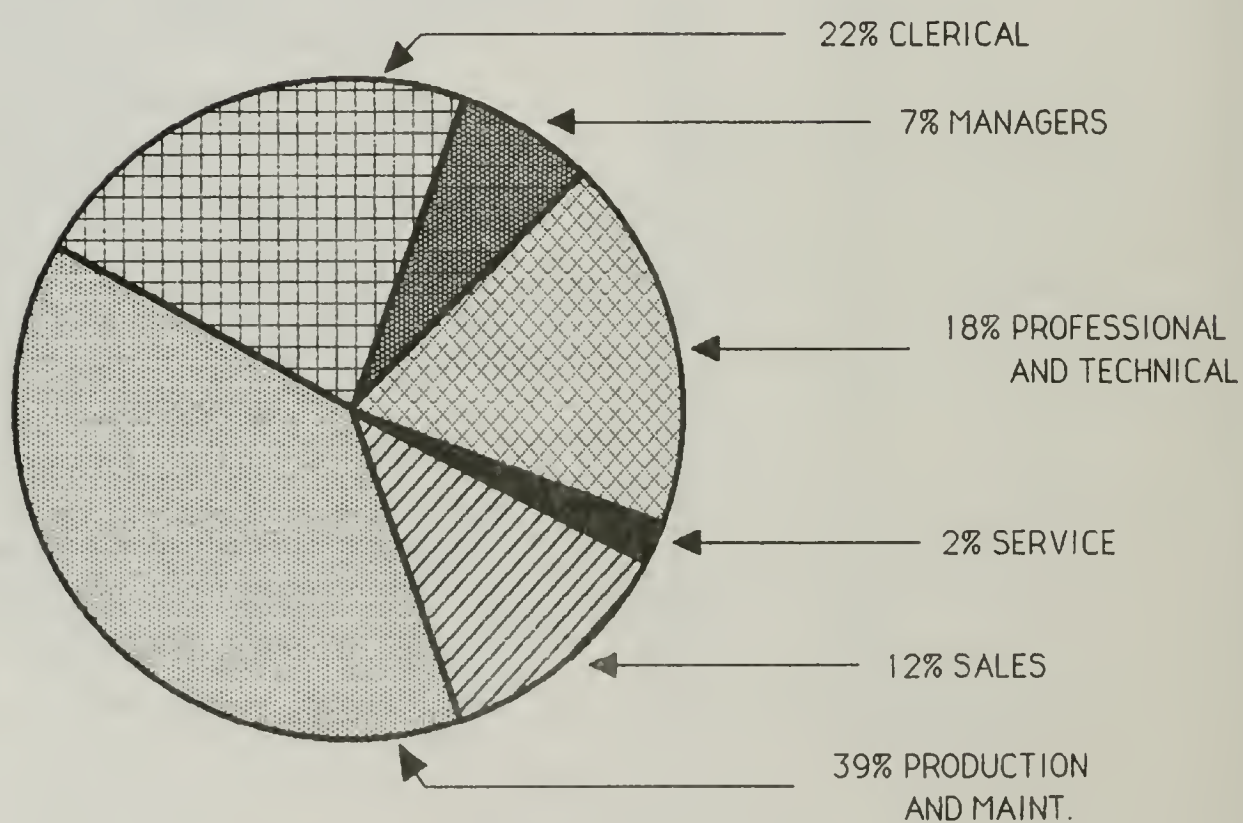


TABLE 4

INDUSTRY 27

PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS ENGAGED IN PRINTING BY ONE OR MORE OF THE COMMON PROCESSES, SUCH AS LETTERPRESS, LITHOGRAPHY, GRAVURE, OR SCREEN; AND THOSE ESTABLISHMENTS WHICH PERFORM SERVICES FOR THE PRINTING TRADE, SUCH AS BOOKBINDING, TYPESETTING, ENGRAVING, PHOTOEN- GRAVING, AND ELECTROTYPING. THIS MAJOR GROUP ALSO INCLUDES ESTABLISH- MENTS ENGAGED IN PUBLISHING NEWSPAPERS, BOOKS, AND PERIODICALS, REGARD- LESS OF WHETHER OR NOT THEY DO THEIR OWN PRINTING.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
MARKETING AND RELATED MANAGERS	19	.9	17
GENERAL MANAGERS AND TOP EXEC.	100	4.6	9
ALL OTHER MANAGERS AND ADMIN.	24	1.1	--
TOTAL MANAGERS AND ADMIN.	143	6.6	--
2. PROFESSIONAL AND TECHNICAL:			
ALL OTHER FINANCIAL SPECIALISTS	10	.5	--
ALL OTHER MGMT. SUPPORT WORKERS	8	.4	--
WRITERS AND EDITORS	112	5.1	7
REPORTERS AND CORRESPONDENTS	172	7.9	4
PHOTOGRAPHERS	27	1.2	12
ALL OTHER PROFESSIONAL AND TECH.	59	2.7	--
TOTAL PROFESSIONAL AND TECH.	388	17.8	--
3. SALES AND RELATED:			
SALES AGENTS, ADVERTISING	83	3.8	19
SALES REPS., SCIENTIFIC AND RELATED	19	.9	29
OTHER SALES REPS., EXCEPT RETAIL	124	5.7	14
NEWS AND RELATED SALES WORKERS	15	.7	27
ALL OTHER SALES AND RELATED WORKERS	14	.6	--
TOTAL SALES AND RELATED	255	11.7	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
ADVERTISING CLERKS	46	2.1	11
PROOFREADERS AND COPY MARKERS	31	1.4	17
SECRETARIES	36	1.7	11
TYPISTS	17	.8	28
TYPISTS, WORD PROCESSING EQUIPMENT	28	1.3	25
BOOKKEEPING AND ACCOUNTING CLERKS	71	3.3	7
GENERAL OFFICE CLERKS	80	3.7	16
MAIL MACHINE OPERATORS	49	2.3	20
DATA KEYERS, COMPOSING	42	1.9	19
ALL OTHER OFFICE MACHINE OPERATORS	27	1.2	--
ALL OTHER CLERICAL WORKERS	64	2.9	--
TOTAL CLERICAL AND ADMIN. SUPPORT	491	22.6	--

TABLE 4 (CONTINUED)

INDUSTRY 27

PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
JANITORS AND CLEANERS	37	1.7	10
TOTAL SERVICE	37	1.7	10
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, PRODUCTION AND RELATED	43	2.0	18
ALL OTHER MECHANICS AND INSTALLERS	11	.5	--
PRECISION COMPOSITORS AND RELATED	44	2.0	17
JOB PRINTERS	30	1.4	23
PRECISION LITHOGRAPHY AND RELATED	42	1.9	18
BOOKBINDERS	34	1.6	18
ALL OTHER PRECISION WORKERS	41	1.9	--
OFFSET LITHOGRAPHIC PRESS SETTERS	99	4.5	12
LETTERPRESS SETTERS	20	.9	29
ENGRAVING AND LITHO PHOTOGRAPHERS	22	1.0	17
BINDERY MACHINE SETTERS	43	2.0	18
TYPESETTING AND COMPOSING MACHINE OPER	75	3.4	13
PRINTING PRESS MACHINE OPERATORS	112	5.2	12
BINDERY MACHINE OPERATORS	23	1.1	32
ALL OTHER MACHINE SETTERS	38	1.7	--
ALL OTHER MACHINE OPERATORS	24	1.1	--
LIGHT TRUCK DRIVERS, INCL DELIVERY	18	.8	17
ALL OTHER MATERIAL MOVING OPERATORS	7	.3	--
HAND MATERIAL MOVERS	53	2.4	33
ALL OTHER HAND LABORERS	84	3.9	--
TOTAL PROD, CONST, MAINT & HANDL	863	39.6	--
	-----	-----	
GRAND TOTAL INDUSTRY 27	2,177	100.0%	

PERCENT DISTRIBUTION OF MAJOR OCCUPATIONAL GROUPS

PETROLEUM REFINING AND RELATED INDUSTRIES

SIC 29

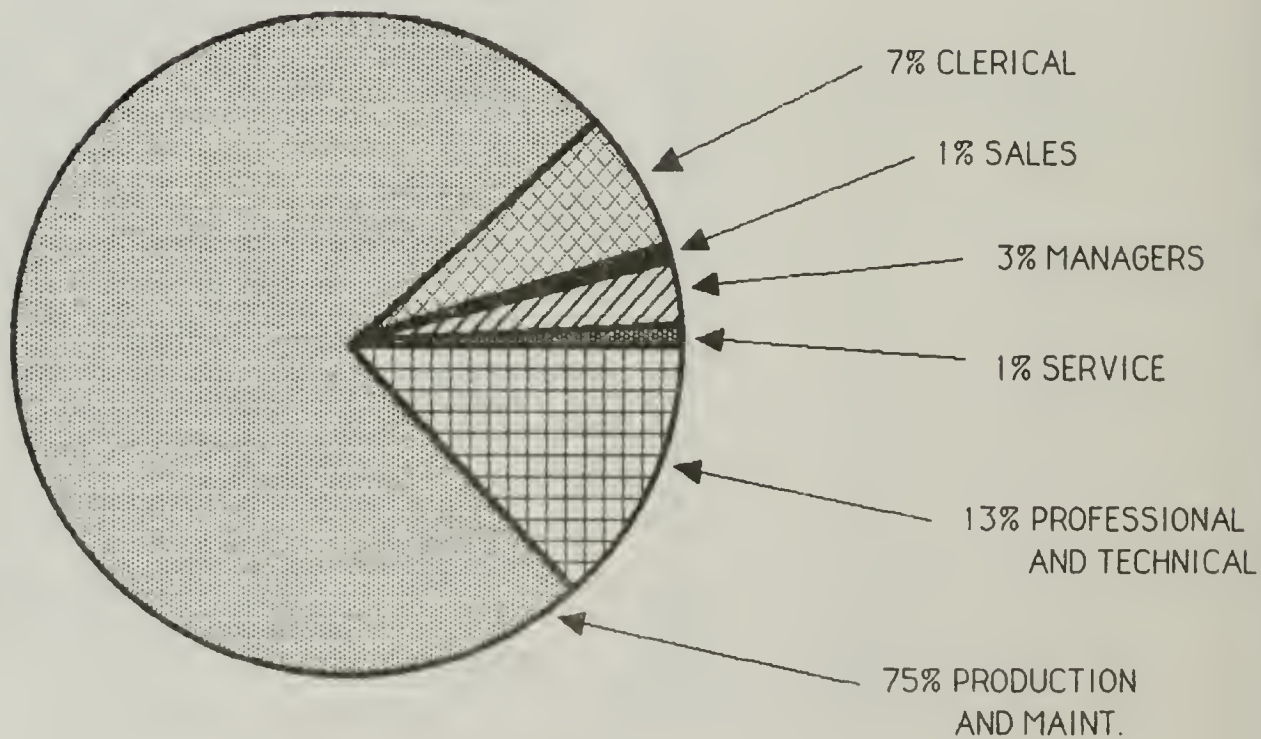


TABLE 5

INDUSTRY 29

PETROLEUM REFINING AND RELATED INDUSTRIES

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS PRIMARILY ENGAGED IN PETROLEUM REFINING, MANUFACTURING PAVING AND ROOFING MATERIALS, AND COMPOUNDING LUBRICATING OILS AND GREASES FROM PURCHASED MATERIALS.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
INDUSTRIAL PRODUCTION MANAGERS	11	1.0	48
ALL OTHER MANAGERS AND ADMIN.	23	2.0	--
TOTAL MANAGERS AND ADMIN.	34	3.0	--
2. PROFESSIONAL AND TECHNICAL:			
ALL OTHER MGMT. SUPPORT WORKERS	24	2.1	--
CHEMICAL ENGINEERS	46	4.0	25
MECHANICAL ENGINEERS	38	3.3	20
ALL OTHER ENGINEERS	9	.8	--
CHEMISTS, EXCEPT BIOCHEMISTS	11	1.0	35
ALL OTHER PROFESSIONAL AND TECH.	24	2.1	--
TOTAL PROFESSIONAL AND TECH.	152	13.3	--
3. SALES AND RELATED WORK:			
ALL OTHER SALES AND RELATED WORKERS	9	.8	--
TOTAL SALES AND RELATED	9	.8	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SECRETARIES	16	1.4	11
ALL OTHER CLERICAL WORKERS	64	5.5	--
TOTAL CLERICAL AND ADMIN. SUPPORT	80	6.9	--
5. SERVICE:			
ALL OTHER SERVICE WORKERS	6	.5	--
TOTAL SERVICE	6	.5	--

TABLE 5 (CONTINUED)

INDUSTRY 29

PETROLEUM REFINING AND RELATED INDUSTRIES

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS AND INSTALLERS	27	2.3	7
SUPERVR, PRODUCTION AND RELATED	75	6.5	21
MACHINERY MAINTENANCE MECHANICS	30	2.6	37
MAINTENANCE REPAIRERS, GEN. UTIL.	83	7.2	22
ALL OTHER MECHANICS AND INSTALLERS	15	1.3	--
ALL OTHER CONSTRUCT TRADES WORKERS	55	4.8	--
ALL OTHER PRECISION WORKERS	42	3.6	--
ALL OTHER MACHINE OPERATORS	21	1.8	--
ALL OTHER HAND WORKERS	29	2.5	--
PETROLEUM REFINERY AND RELATED OPER	202	17.5	31
ALL OTHER PLANT AND SYSTEM OPERATORS	34	2.9	--
ALL OTHER MOTOR VEHICLE OPERATORS	22	1.9	--
TANK CAR AND TRUCK LOADERS	16	1.4	24
CRANE AND TOWER OPERATORS	9	.8	33
PUMP OPERATORS	20	1.7	35
MECHANIC AND REPAIRER HELPERS	71	6.2	2
ALL OTHER HAND WORKERS		1.5	--
TOTAL PROD, CONST, PLANT & HANL.	875	75.5	--
	-----	-----	
GRAND TOTAL OF INDUSTRY 29	1,154	100.0%	



PERCENT DISTRIBUTION OF MAJOR OCCUPATIONAL GROUPS

STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

SIC 32

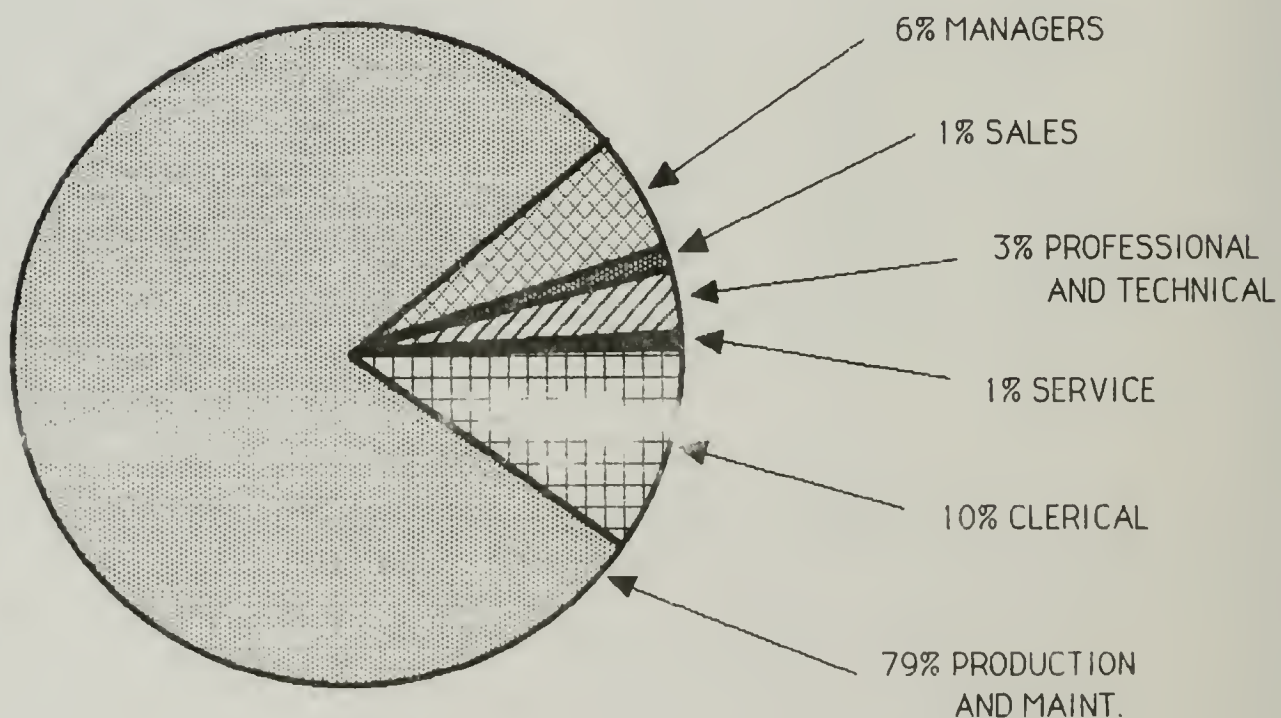


TABLE 6

INDUSTRY 32

STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS ENGAGED IN MANUFACTURING FLAT GLASS AND OTHER GLASS PRODUCTS, CEMENT, STRUCTURAL CLAY PRODUCTS, POTTERY, CONCRETE AND GYPSUM PRODUCTS, CUT STONE, ABRASIVE AND ASBESTOS PRODUCTS, ETC., FROM MATERIALS TAKEN PRINCIPALLY FROM THE EARTH IN THE FORM OF STONE, CLAY, AND SAND.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
GENERAL MANAGERS AND TOP EXEC.	54	5.0	13
ALL OTHER MANAGERS AND ADMIN.	5	.5	--
TOTAL MANAGERS AND ADMIN.	59	5.5	--
2. PROFESSIONAL AND TECHNICAL:			
ALL OTHER MGMT. SUPPORT WORKERS	7	.6	--
ALL OTHER ENGINEERS	7	.6	--
ALL OTHER ENGINEERING TECH.	5	.5	--
ALL OTHER PHYSICAL AND SCIENCE TECH.	12	1.1	--
ALL OTHER PROFESSIONAL AND TECH.	3	.3	--
TOTAL PROFESSIONAL AND TECH	34	3.1	--
3. SALES AND RELATED:			
ALL OTHER SALES WORKERS	10	.9	--
TOTAL SALES AND RELATED	10	.9	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SECRETARIES	17	1.6	30
BOOKKEEPING AND ACCOUNTING CLERKS	30	2.8	26
GENERAL OFFICE CLERKS	35	3.2	20
DISPATCHERS, EXCEPT EMERGENCY	15	1.4	22
ALL OTHER CLERICAL WORKERS	7	.6	--
TOTAL CLERICAL AND ADMIN. SUPPORT	104	9.6	--
5. SERVICE:			
ALL OTHER CLEANING SERVICE WORKERS	8	.7	--
TOTAL SERVICE	8	.7	--

TABLE 6 (CONTINUED)

INDUSTRY 32

STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, PRODUCTION AND RELATED	62	5.8	13
MACHINERY MAINTENANCE MECHANICS	29	2.7	20
MAINTENANCE REPAIRERS, GEN. UTIL.	52	4.8	16
AUTOMOTIVE MECHANICS	17	1.6	33
ALL OTHER MECHANICS AND INSTALLERS	11	1.0	--
ALL OTHER CONSTRUCT TRADES WORKERS	39	3.6	--
ALL OTHER PRECISION WORKERS	42	3.9	--
ALL OTHER MACHINE OPERATORS	28	2.6	--
ALL OTHER HAND WORKERS	9	.8	--
ALL OTHER PLANT AND SYSTEM OPER	4	.4	--
HEAVY TRUCK DRIVERS	342	31.8	10
INDUSTRIAL TRUCK AND TRACTOR OPER	74	6.9	16
OPERATING ENGINEERS	34	3.2	29
ALL OTHER MATERIAL MOVING OPER	26	2.4	--
MACHINE FEEDERS AND OFFBEARERS	29	2.7	13
ALL OTHER HAND LABORERS	64	6.0	--
TOTAL PROD, CONST, MAINT & MTL	8	80.2	--
GRAND TOTAL INDUSTRY 32	1,077	100.0%	

PERCENT DISTRIBUTION OF MAJOR OCCUPATIONAL GROUPS

PRIMARY METAL INDUSTRIES

SIC 33

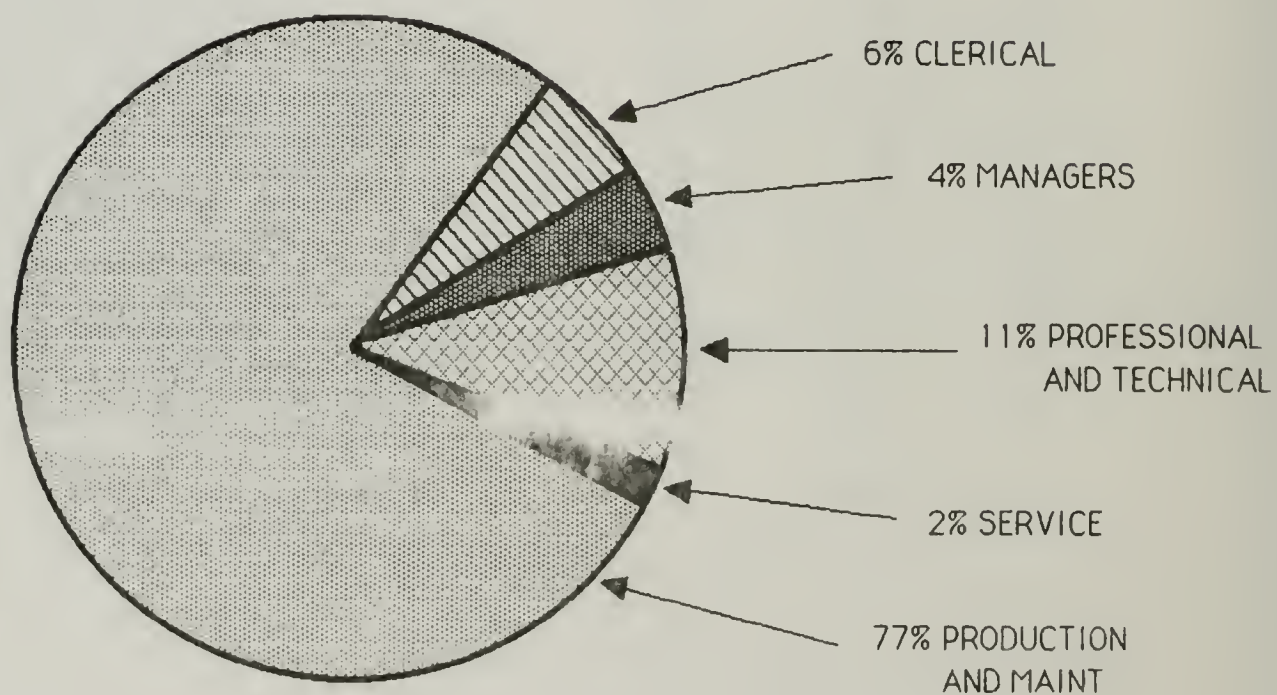


TABLE 7

INDUSTRY 33

PRIMARY METAL INDUSTRIES

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS ENGAGED IN THE SMELTING AND REFINING OF FERROUS AND NONFERROUS METALS FROM ORE, PIG, OR SCRAP; IN THE ROLLING, DRAWING AND ALLOYING OF FERROUS AND NONFERROUS METALS; IN THE MANUFACTURE OF CASTINGS AND OTHER BASIC PRODUCTS OF FERROUS AND NONFERROUS METALS; AND IN THE MANUFACTURE OF NAILS, SPIKES, AND INSULATED WIRE AND CABLE. THIS MAJOR GROUP ALSO INCLUDES THE PRODUCTION OF COKE.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
GENERAL MANAGERS AND TOP EXEC.	14	1.4	31
ALL OTHER MANAGERS AND ADMIN.	24	2.3	--
TOTAL MANAGERS AND ADMIN.	38	3.7	--
2. PROFESSIONAL AND TECHNICAL:			
ALL OTHER MGMT. SUPPORT WORKERS	17	1.7	--
MECHANICAL ENGINEERS	13	1.3	--
ALL OTHER ENGINEERS	16	1.6	--
ALL OTHER ENGINEERING TECH.	21	2.0	--
CHEMISTS, EXCEPT BIOCHEMISTS	1	1.4	--
CHEMICAL TECH., EXCEPT HEALTH	14	1.4	--
ALL OTHER PROFESSIONAL AND TECH.	18	1.8	--
TOTAL PROFESSIONAL AND TECH.	113	11.2	--
3. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SECRETARIES	16	1.6	--
GENERAL OFFICE CLERKS	11	1.1	--
ALL OTHER CLERICAL WORKERS	34	3.3	--
TOTAL CLERICAL AND ADMIN. SUPPORT	61	6.0	--
4. SERVICE:			
ALL OTHER SERVICE WORKERS	19	1.9	--
TOTAL SERVICE	19	1.9	--

TABLE 7 (CONTINUED)

INDUSTRY 33

PRIMARY METAL INDUSTRIES

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, MECHANICS AND INSTALLERS	23	2.2	--
SUPERVR, PRODUCTION AND RELATED	35	3.4	--
MACHINERY MAINTENANCE WORKERS	17	1.7	--
MAINTENANCE REPAIRERS, GEN. UTIL.	13	1.3	--
AUTOMOTIVE MECHANICS	18	1.8	--
ALL OTHER MECHANICS AND INSTALLERS	24	2.3	--
CARPENTERS	14	1.4	--
ELECTRICIANS	43	4.2	--
BRICK MASONS	12	1.2	--
PLUMBERS, PIPEFITTERS, ETC.	17	1.7	--
ALL OTHER CONSTRUCT TRADES WORKERS	20	1.9	--
MACHINISTS	20	1.9	--
PATTERN AND MODEL MAKERS, METAL	10	1.0	44
ALL OTHER PRECISION WORKERS	17	1.7	--
GRINDING AND RELATED MACHINE OPER	11	1.1	40
FURNACE OPERATORS AND TENDERS	17	1.7	14
ALL OTHER MACHINE SETTERS		1.0	--
ALL OTHER MACHINE OPERATORS	7	.7	--
WELDERS AND CUTTERS	69	6.7	4
METAL POURERS AND CASTERS, BASIC	16	1.6	15
ALL OTHER PLANT AND SYSTEM OPER	10	1.0	--
ALL OTHER MOTOR VEHICLE OPERATORS	11	1.0	--
RAIL YARD ENGINEERS, HOSTLERS, ETC.	10	1.0	--
CRANE AND TOWER OPERATORS	17	1.7	--
INDUSTRIAL TRUCK AND TRACTOR OPER	21	2.0	--
CONVEYOR OPERATORS AND TENDERS	14	1.4	--
PUMP OPERATORS	14	1.4	--
MACHINE FEEDERS AND OFFBEARERS	20	1.9	--
HAND MATERIAL MOVERS	14	1.4	17
ALL OTHER HAND LABORERS	244	23.9	--
TOTAL PROD, CONST, MAINT & HANDL	788	77.2	--
	-----	-----	
GRAND TOTAL OF INDUSTRY 33	1,019	100.0%	

PERCENT DISTRIBUTION OF MAJOR OCCUPATIONAL GROUPS

FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT

SIC 34

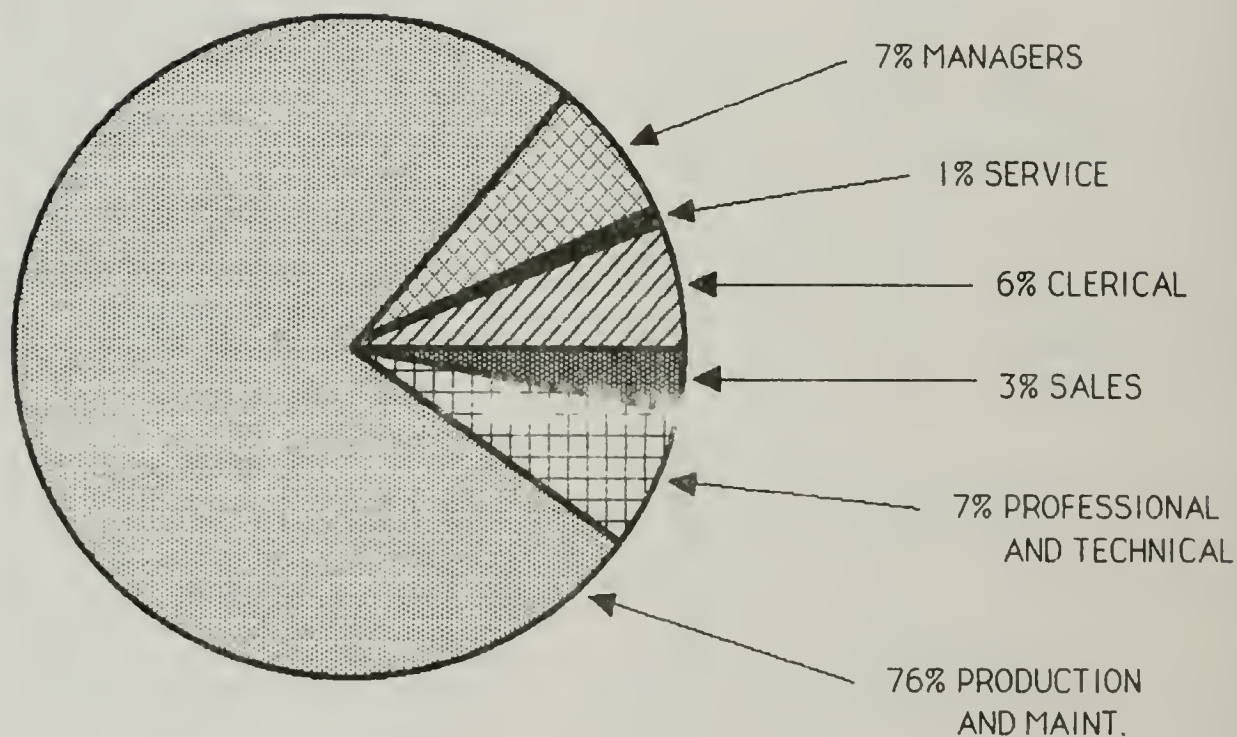


TABLE 8

INDUSTRY 34

FABRICATED METAL PRODUCTS, EXCEPT MACHINERY & TRANSPORTATION EQUIPMENT

THIS MAJOR GROUP INCLUDES ESTABLISHMENTS ENGAGED IN FABRICATING FERROUS AND NONFERROUS METAL PRODUCTS SUCH AS METAL CANS, TINWARE, HAND TOOLS, CUTLERY, GENERAL HARDWARE, NONELECTRIC HEATING APPARATUS, FABRICATED STRUCTURAL METAL PRODUCTS, METAL FORGINGS, METAL STAMPINGS, ORDNANCE (EXCEPT VEHICLES AND GUIDED MISSILES), AND A VARIETY OF METAL AND WIRE PRODUCTS NOT ELSEWHERE CLASSIFIED.

OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
GENERAL MANAGERS AND TOP EXEC.	29	5.8	12
ALL OTHER MANAGERS AND ADMIN.	4	.8	--
TOTAL MANAGERS AND ADMIN.	33	6.6	--
2. PROFESSIONAL AND TECHNICAL:			
ALL OTHER FINANCIAL SPECIALISTS	10	2.0	--
DRAFTERS	22	4.4	16
ALL OTHER PROFESSIONAL AND TECH.	2	.4	--
TOTAL PROFESSIONAL AND TECH.	34	6.8	--
3. SALES AND RELATED:			
ALL OTHER SALES WORKERS	14	2.8	--
TOTAL SALES AND RELATED	14	2.8	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
BOOKKEEPING AND ACCOUNTING CLERKS	14	2.8	24
ALL OTHER CLERICAL WORKERS	16	3.2	--
TOTAL CLERICAL AND ADMIN. SUPPORT	30	6.0	--
5. SERVICE:			
ALL OTHER SERVICE WORKERS	3	.6	--
TOTAL SERVICE	3	.6	--

TABLE 8 (CONTINUED)

INDUSTRY 34

FABRICATED METAL PRODUCTS, EXCEPT MACHINERY & TRANSPORTATION EQUIPMENT

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
6. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPERVR, PRODUCTION AND RELATED	26	5.2	5
ALL OTHER MECHANICS AND INSTALLERS	9	1.8	--
MACHINISTS	21	4.2	49
ALL OTHER PRECISION METAL WORKERS	28	5.6	--
ALL OTHER PRECISION WORKERS	23	4.6	--
ALL OTHER MACHINE SETTERS	34	6.7	--
ALL OTHER MACHINE OPERATORS	30	6.0	--
WELDERS AND CUTTERS	26	5.2	30
ALL OTHER METAL FITTERS, FABRICATORS	149	29.7	--
ALL OTHER MATERIAL MOVING OPER	27	5.4	--
ALL OTHER HAND LABORERS	14	2.8	--
TOTAL PROD, CONST, MAINT & HANDL	387	77.2	--
	---	----	
GRAND TOTAL OF INDUSTRY 34	501	100.0%	

PERCENT DISTRIBUTION OF MAJOR OCCUPATIONAL GROUPS

HOSPITALS

SIC 806

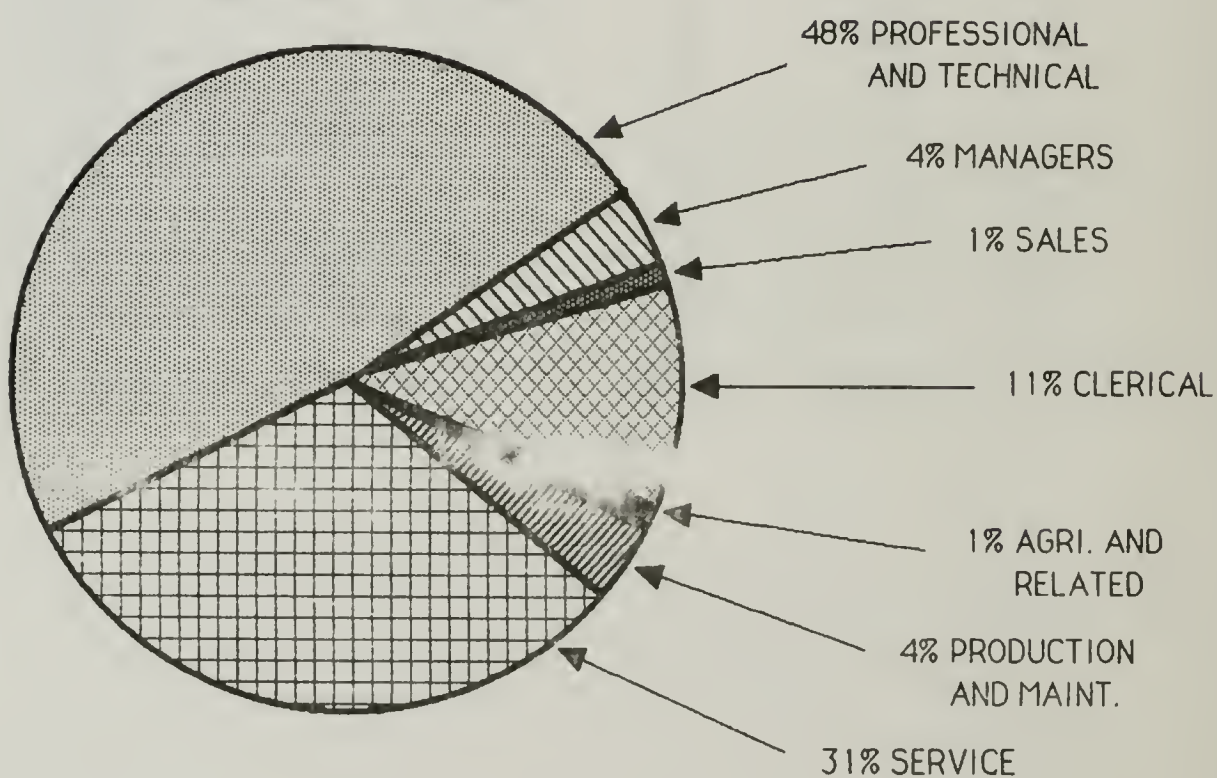


TABLE 9

INDUSTRY 806

HOSPITALS

THIS GROUP INCLUDES ESTABLISHMENTS PRIMARILY ENGAGED IN PROVIDING DIAGNOSTIC SERVICES, EXTENSIVE MEDICAL TREATMENT INCLUDING SURGICAL SERVICES, AND OTHER HOSPITAL SERVICES, AS WELL AS CONTINUOUS NURSING SERVICES. THESE ESTABLISHMENTS HAVE AN ORGANIZED MEDICAL STAFF, INPATIENT BEDS, AND EQUIPMENT AND FACILITIES TO PROVIDE COMPLETE HEALTH CARE.

 OCCUPATIONAL ESTIMATES

OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
1. MANAGERIAL AND ADMINISTRATIVE:			
FINANCIAL MANAGERS	30	.2	3
PERSONNEL AND RELATED MANAGERS	16	.1	--
PURCHASING MANAGERS	19	.1	--
ADMINISTRATIVE SERVICES MANAGERS	23	.2	13
MEDICINE AND HEALTH SERVICES MGRS.	116	.9	9
FOOD SERVICE AND LODGING MANAGERS	46	.4	6
GENERAL MANAGERS AND TOP EXEC.	115	.9	7
ALL OTHER MANAGERS AND ADMIN.	187	1.5	--
TOTAL MANAGERS AND ADMIN.	552	4.3	--

TABLE 9 (CONTINUED)

INDUSTRY 806

HOSPITALS

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
2. PROFESSIONAL AND TECHNICAL:			
ACCOUNTANTS AND AUDITORS	18	.1	--
PURCHASING AGENTS, EXCEPT FARM	37	.3	6
PERSONNEL AND RELATED SPECIALISTS	11	.1	--
ALL OTHER MGMT. SUPPORT WORKERS	12	.1	--
ALL OTHER ENGINEERS	7	.1	--
ALL OTHER ENGINEERING TECH.	6	--	--
ALL OTHER MATHEMATICAL SCIENTISTS	20	.2	39
PSYCHOLOGISTS	12	.1	22
SOCIAL WORKERS, MEDICAL AND PSYCH.	79	.6	13
CLERGY	20	.2	9
NURSING INSTRUCTORS	25	.2	4
TEACHERS AND INSTRUCTORS, VOCATIONAL	10	.1	35
PHYSICIANS AND SURGEONS	33	.3	21
RESPIRATORY THERAPISTS	199	1.5	5
OCCUPATIONAL THERAPISTS	22	.2	6
PHYSICAL THERAPISTS	76	.6	6
RECREATIONAL THERAPISTS	26	.2	13
ALL OTHER THERAPISTS		.1	--
REGISTERED NURSES	3,164	24.5	3
LICENSED PRACTICAL NURSES	1,101	8.5	24
EMERGENCY MEDICAL TECHNICIANS	28	.2	24
PHARMACISTS	126	1.0	4
DIETITIANS AND NUTRITIONISTS	50	.4	6
DIETETIC TECHNICIANS	27	.2	15
MED. AND CLINICAL LAB TECHNOLOGISTS	366	2.8	5
MED. AND CLINICAL LAB TECHNICIANS	77	.6	11
MEDICAL RECORDS TECH.	77	.6	6
NUCLEAR MEDICINE TECHNOLOGISTS	23	.2	8
RADIOLOGIC TECHNOLOGISTS	83	.6	9
RADIOLOGIC TECHNICIANS	136	1.1	6
EEG TECHNICIANS AND TECHNOLOGISTS	19	.1	7
EKG TECHNICIANS AND TECHNOLOGISTS	37	.3	6
SURGICAL TECHNICIANS	170	1.3	6
ALL OTHER HEALTH PROF. AND TECH.	62	.5	--
ALL OTHER PROFESSIONAL AND TECH.	60	.5	--
TOTAL PROFESSIONAL AND TECH.	6,229	48.4	--

TABLE 9 (CONTINUED)

INDUSTRY 806

HOSPITALS

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
3. SALES AND RELATED:			
CASHIERS	21	.2	13
TOTAL SALES AND RELATED	21	.2	--
4. CLERICAL AND ADMINISTRATIVE SUPPORT:			
SUPERVR, CLERICAL AND ADMIN SUPPORT	139	1.1	2
MEDICAL SECRETARIES	136	1.1	8
ALL OTHER SECRETARIES	114	.9	9
RECEPTIONISTS AND INFORMATION CLERKS	95	.7	17
TYPISTS	125	1.0	14
PERSONNEL CLERKS, EXCEPT PAYROLL	19	.1	5
FILE CLERKS	32	.2	9
ORDER CLERKS	30	.2	16
PROCUREMENT CLERKS	21	.2	7
INTERVIEWING CLERKS, EXCEPT PERS.	75	.6	9
BOOKKEEPING AND ACCOUNTING CLERKS	76	.6	6
PAYROLL AND TIMEKEEPING CLERKS	27	.2	--
BILLING, COST AND RATE CLERKS	184	1.4	6
GENERAL OFFICE CLERKS	109	.8	9
COMPUTER OPERATORS	17	.1	17
DATA ENTRY KEYERS	36	.3	7
SWITCHBOARD OPERATORS	114	.9	8
STOCK CLERKS	45	.3	5
ALL OTHER SCHEDUL AND DISTRIB WORKERS	10	.1	--
ALL OTHER CLERICAL WORKERS	96	.7	--
TOTAL CLERICAL AND ADMIN. SUPPORT	1,500	11.5	--

TABLE 9 (CONTINUED)

INDUSTRY 806

HOSPITALS

OCCUPATIONAL ESTIMATES			
OCCUPATION	ESTIMATED EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	PERCENT RELATIVE ERROR
5. SERVICE:			
SUPVR, HOUSECLEANING	102	.8	16
SUPVR, ALL OTHER SERVICE	26	.2	5
GUARDS AND WATCH GUARDS	21	.2	15
FOOD SERVERS, OUTSIDE	101	.8	16
DINING ROOM AND CAFETERIA ATTENDANTS	71	.6	5
BAKERS, BREAD AND PASTRY	12	.1	8
COOKS, INSTITUTION OR CAFETERIA	251	1.9	4
FOOD PREPARATION WORKERS	340	2.6	6
ALL OTHER FOOD SERVICE WORKERS	113	.9	--
MEDICAL ASSISTANTS	18	.1	8
NURSING AIDES, ORDERLIES, ETC.	1,816	14.1	3
PSYCHIATRIC AIDES	230	1.8	33
PHYSICAL THERAPY ASSISTANTS	56	.4	5
PHARMACY ASSISTANTS	50	.4	6
ALL OTHER HEALTH SERVICE WORKERS	114	.9	--
MAIDS AND HOUSEKEEPING CLEANERS	536	4.2	4
JANITORS AND CLEANERS	100	.8	14
ALL OTHER SERVICE WORKERS	47	.4	--
TOTAL SERVICE	4,004	31.2	--
6. AGRICULTURAL AND RELATED:			
GARDENERS AND GROUNDSKEEPERS	26	.2	8
TOTAL AGRICULTURAL AND RELATED	26	.2	--
7. PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE AND MATERIAL HANDLING:			
SUPVR, PRODUCTION AND RELATED	11	.1	--
MAINTENANCE REPAIRERS, GEN. UTIL.	137	1.1	7
MEDICAL EQUIPMENT REPAIRERS	10	.1	10
ALL OTHER MECHANICS AND INSTALLERS	33	.3	--
CARPENTERS	12	.1	17
PAINTERS AND PAPERHANGERS	14	.1	16
ALL OTHER CONSTRUCT TRADES WORKERS	11	.1	--
LAUNDRY AND DRYCLEAN MACHINE OPER	154	1.2	7
PRESSING MACHINE OPERATORS	40	.3	15
ALL OTHER MACHINE OPERATORS	43	.3	--
STATIONARY ENGINEERS	40	.3	13
ALL OTHER PLANT & SYSTEM OPERS.	3	--	--
LIGHT TRUCK DRIVERS, INCL DELIVER	14	.1	28
ALL OTHER MOTOR VEHICLE OPERS.	5	--	--
ALL OTHER HAND LABORERS	9	.1	--
TOTAL PROD, CONST, MAINT & HANDL	536	4.2	--
GRAND TOTAL OF INDUSTRY 806	12,868	100.0%	

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The Montana State Job Service and Training Division maintains 24 local Job Service Offices in the principal cities of Montana. You are invited to call on any of these offices for assistance in filling positions in your organization, additional labor market information, and for other services in connection with your employment problems.

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